

o Fire-resistant polycarbonate compositions

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 PATENT INFORMATION:

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AB	The comps. comprise 100 parts blends contg. (A) 1-99% polycarbonates , (B) 1-50% graft copolymers with content of Na and K .ltoreq.200 ppm, Mg content .ltoreq.150 ppm, and Ca content .ltoreq.1000 ppm, and (C) 0-98% other thermoplastic polymers, (D) 1-50 parts P compds., and (E) 0.01-30 parts silicones, fluoropolymers, and/or phenolic resins. Thus, Panlite L 1250 (a polycarbonate) 70, acrylonitrile-butadiene-styrene graft copolymer 15, acrylonitrile-styrene copolymer 15, Ph3P 14, and Teflon 6J 0.2 part were blended , and injection molded to give test pieces showing heat distortion temp. 85.degree., Izod impact strength 105 kg-cm/cm, and UL-94 flammability rating V-0.				
ST	polycarbonate ABS graft copolymer blend ; fire resistance polycarbonate ABS blend ; impact resistance polycarbonate graft copolymer blend ; phosphorus compd fireproofing agent polycarbonate				
IT	Fireproofing agents (fire-resistant polycarbonate blends with improved heat and impact resistance)				
IT	Fluoropolymers, uses Fluoropolymers, uses Novolaks Polysiloxanes , uses RL: MOA (Modifier or additive use) ; USES (Uses) (fire-resistant polycarbonate blends with improved heat and impact resistance)				
IT	Polycarbonates , properties Polyesters, properties RL: POF (Polymer in formulation) ; PRP (Properties); TEM (Technical or engineered material use); USES (Uses) (fire-resistant polycarbonate blends with improved heat and impact resistance)				
IT	Polymer blends RL: PRP (Properties); TEM (Technical or engineered material use); USES (Uses) (fire-resistant polycarbonate blends with improved heat and impact resistance)				
IT	Maleated ethylene-propylene rubber RL: POF (Polymer in formulation) ; PRP (Properties); TEM (Technical or engineered material use); USES (Uses) (graft polymers; fire-resistant polycarbonate blends with improved heat and impact resistance)				
IT	108-31-6DP, 2,5-Furandione, reaction products with ethylene-propylene copolymer, graft polymers 9010-79-1DP, Ethylene-propylene copolymer, maleated, graft polymers 29762-66-1DP , Acrylonitrile-glycidyl methacrylate-styrene copolymer, graft polymers 106677-58-1P , Acrylonitrile-butadiene-styrene graft copolymer				